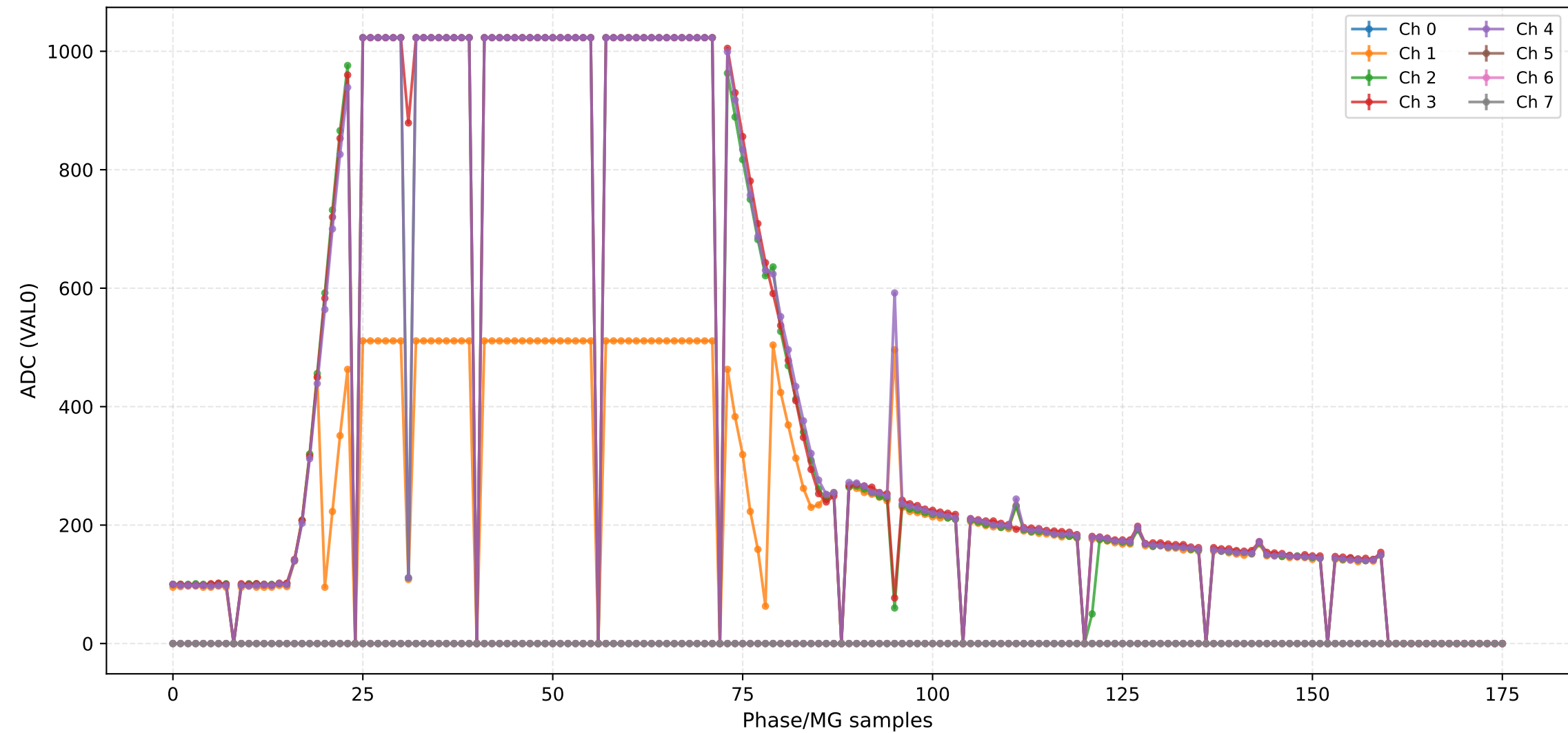


ADC (VAL0) - Channels 0 to 7



ADC (VAL0) - Channels 8 to 15



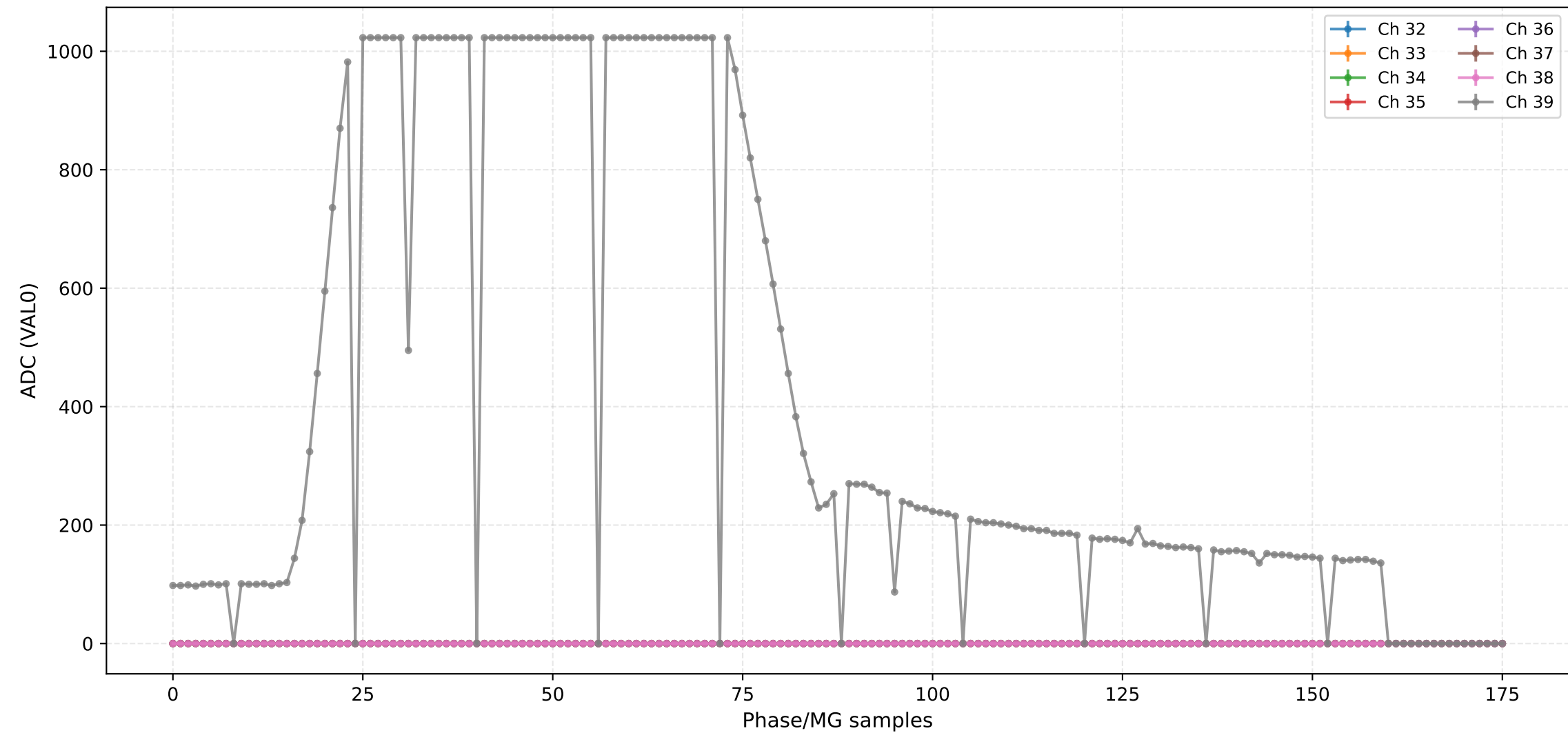
ADC (VAL0) - Channels 16 to 23



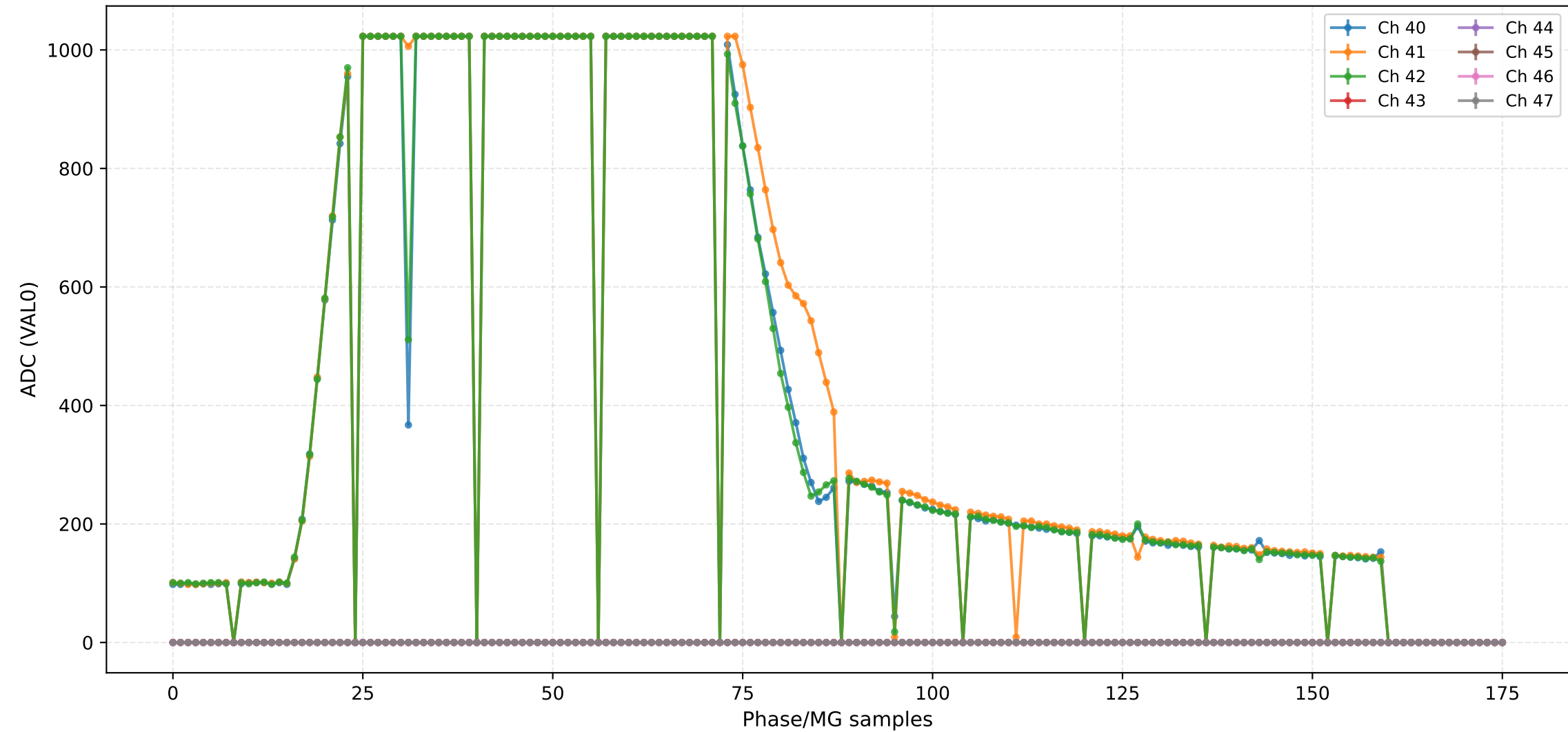
ADC (VAL0) - Channels 24 to 31



ADC (VAL0) - Channels 32 to 39



ADC (VAL0) - Channels 40 to 47



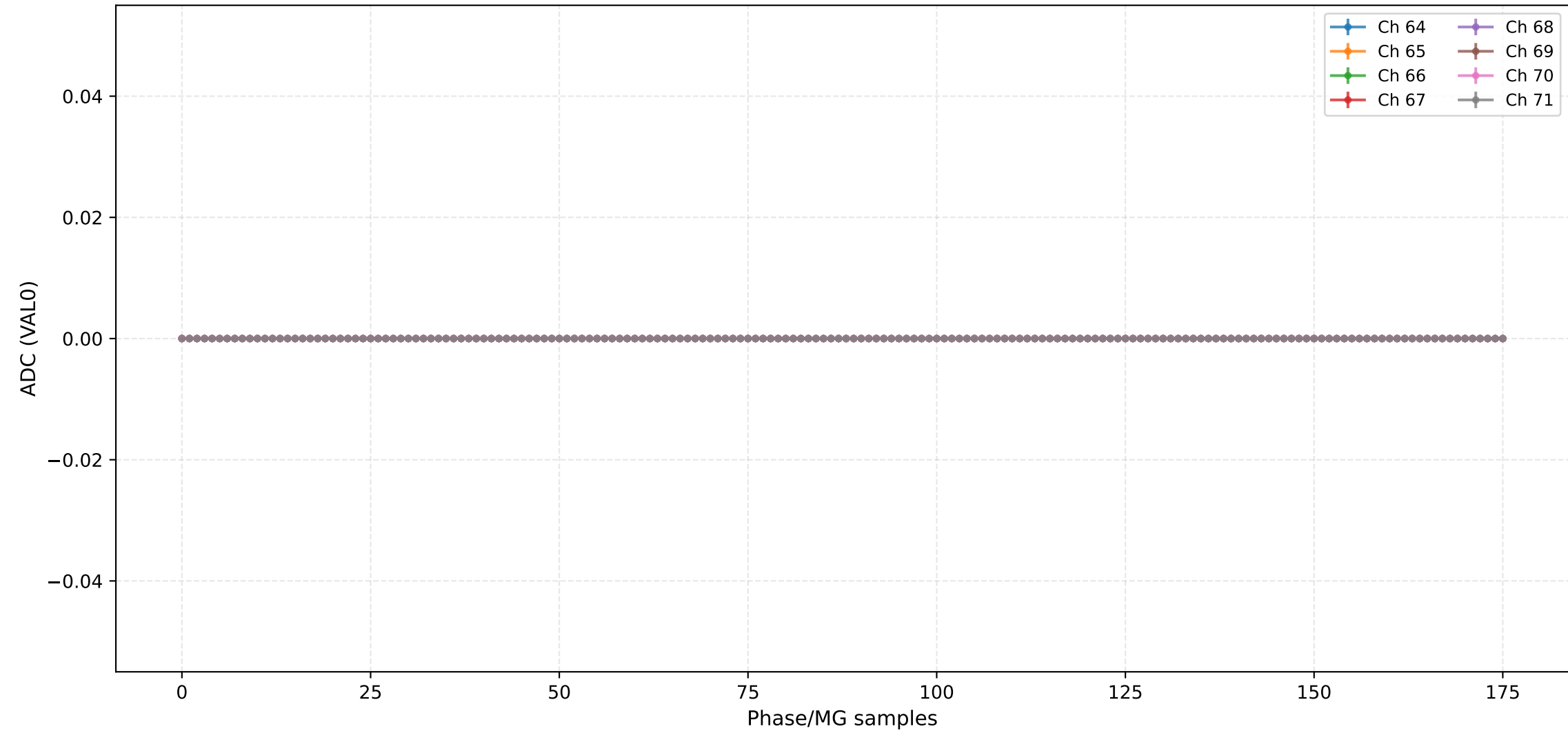
ADC (VAL0) - Channels 48 to 55



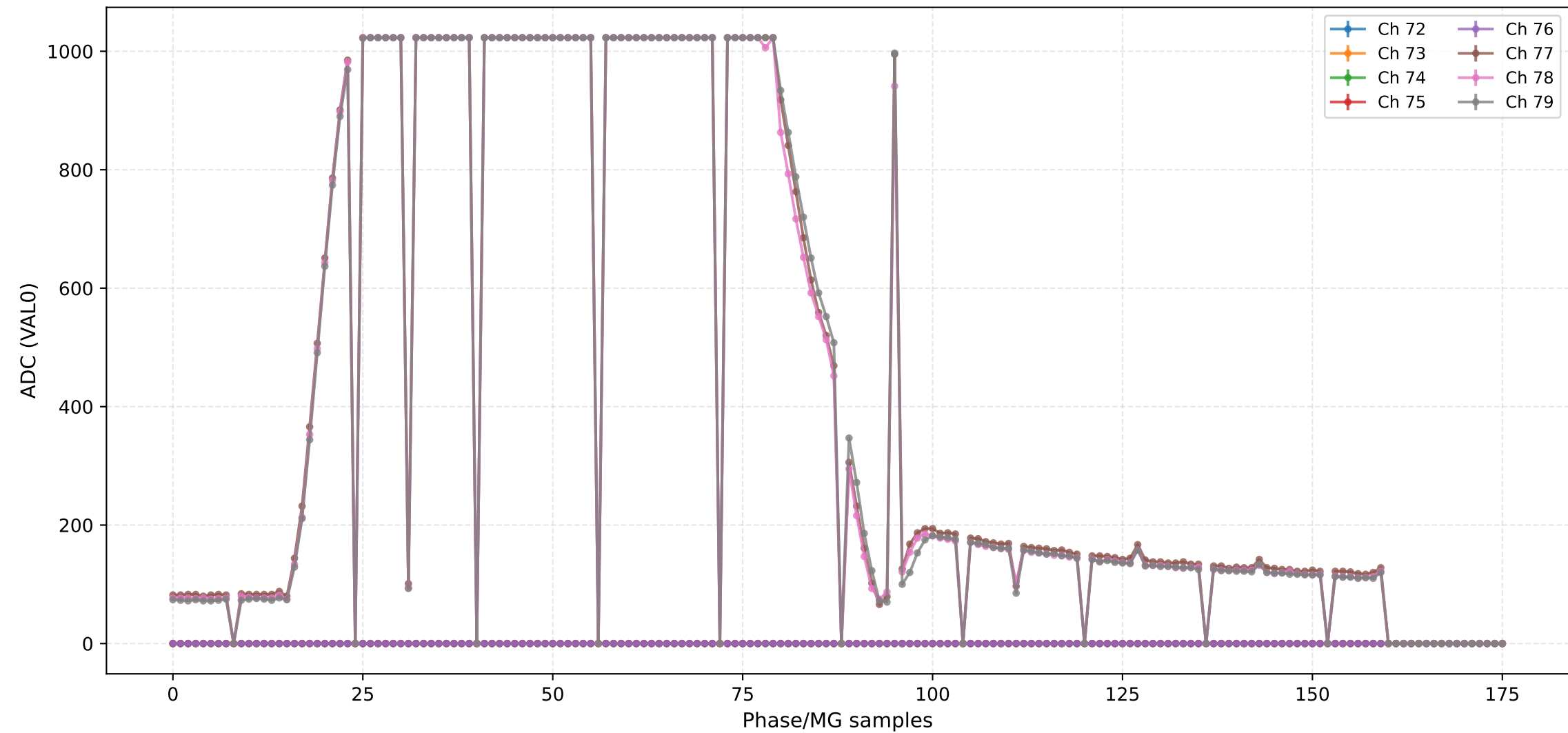
ADC (VAL0) - Channels 56 to 63



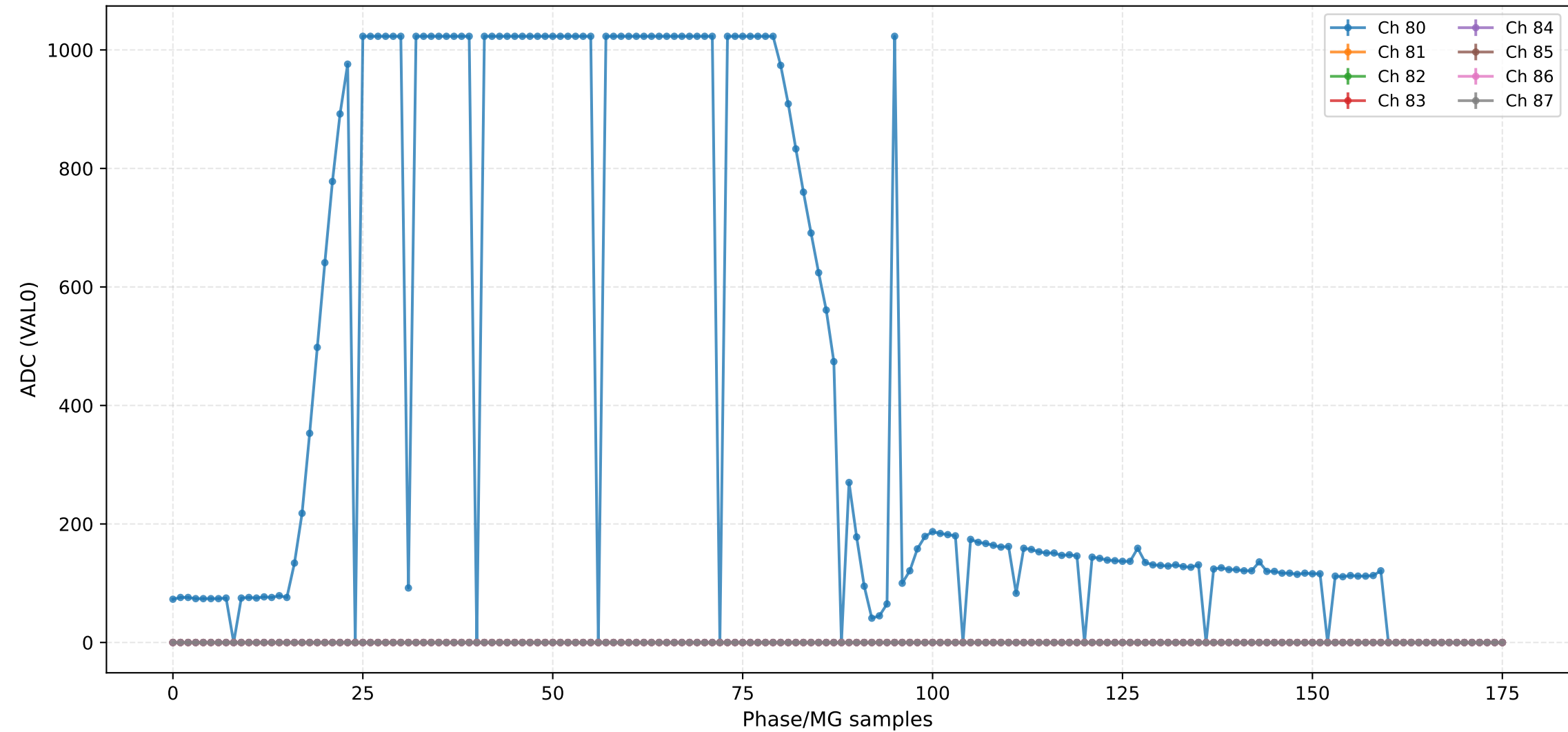
ADC (VAL0) - Channels 64 to 71



ADC (VAL0) - Channels 72 to 79



ADC (VAL0) - Channels 80 to 87



ADC (VAL0) - Channels 88 to 95



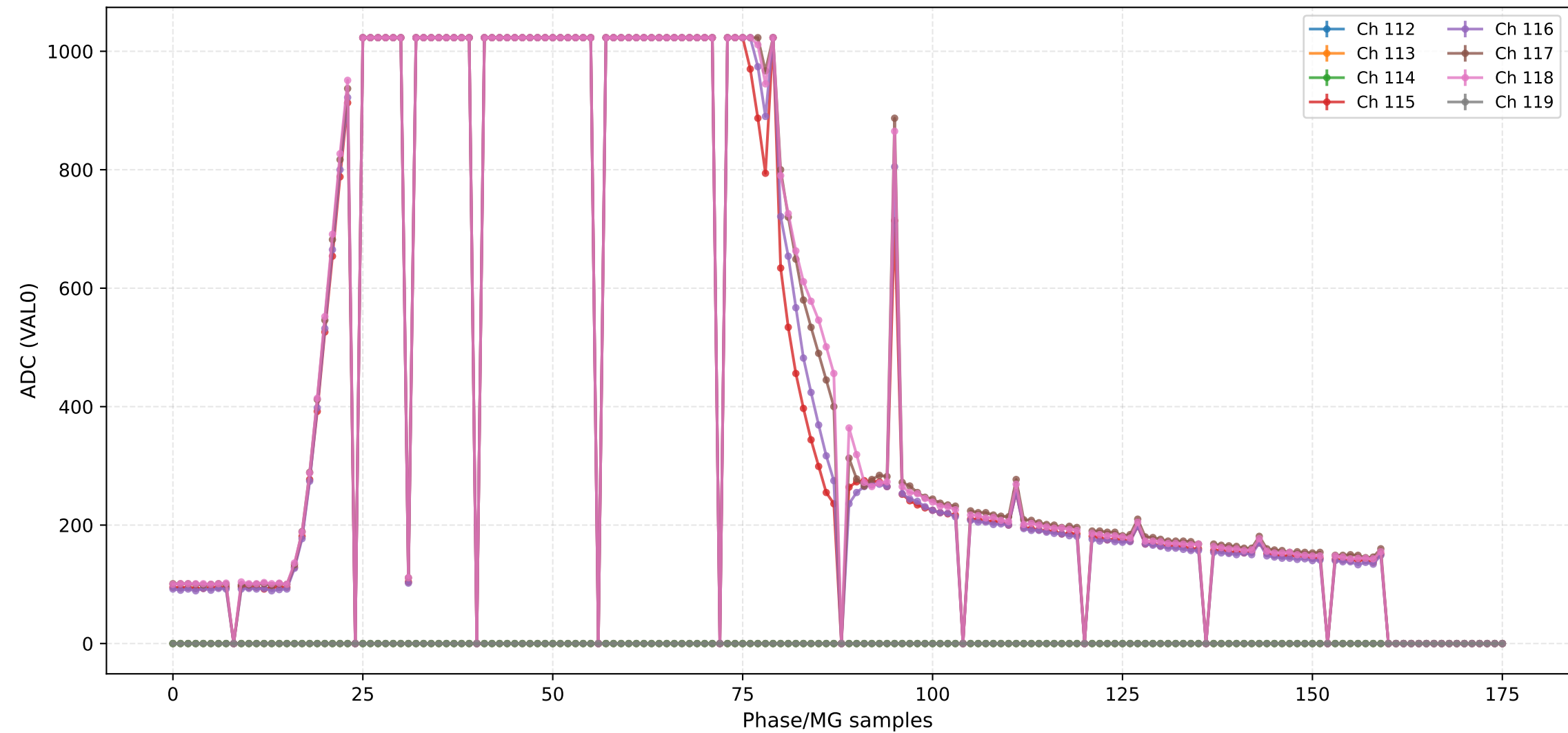
ADC (VAL0) - Channels 96 to 103



ADC (VAL0) - Channels 104 to 111



ADC (VAL0) - Channels 112 to 119



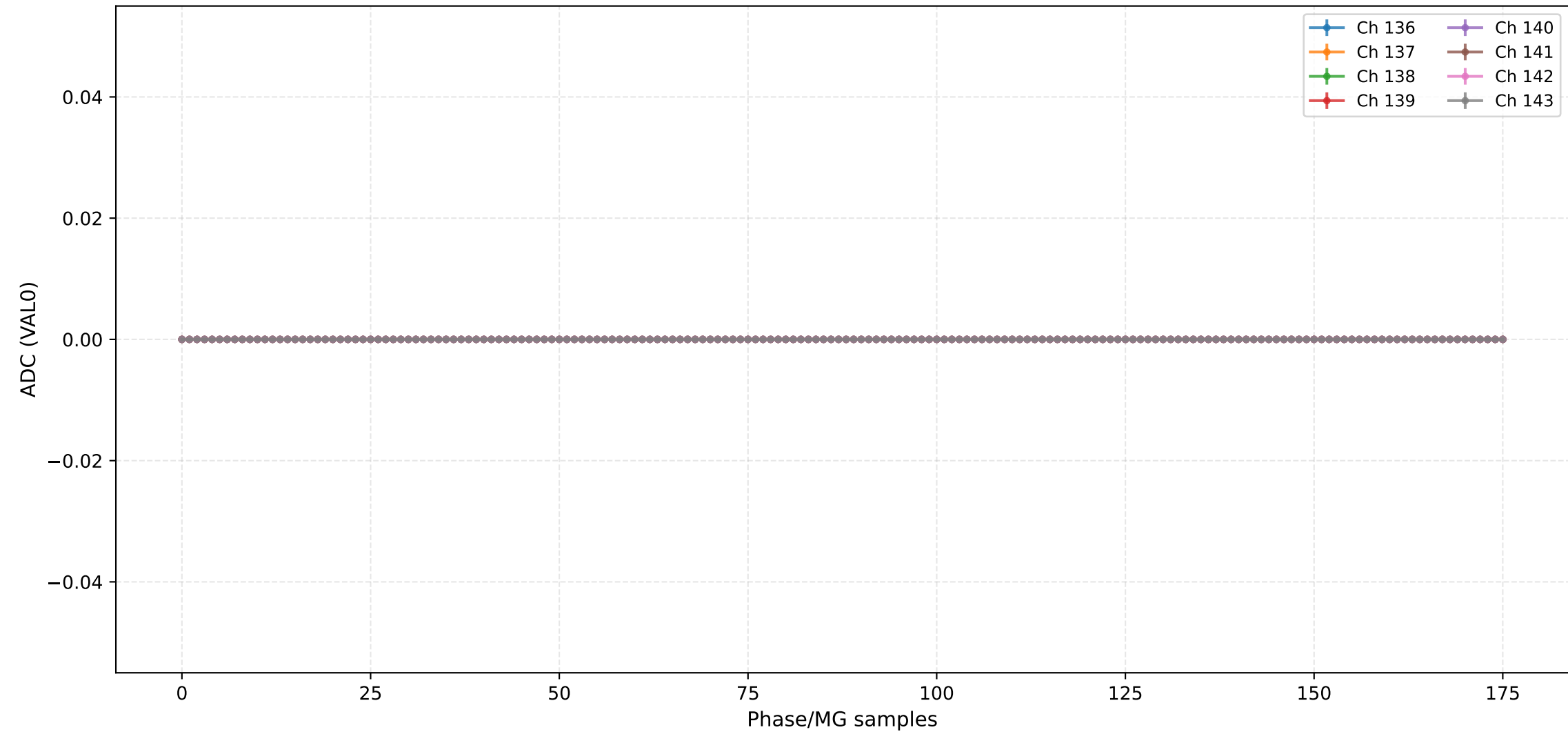
ADC (VAL0) - Channels 120 to 127



ADC (VAL0) - Channels 128 to 135



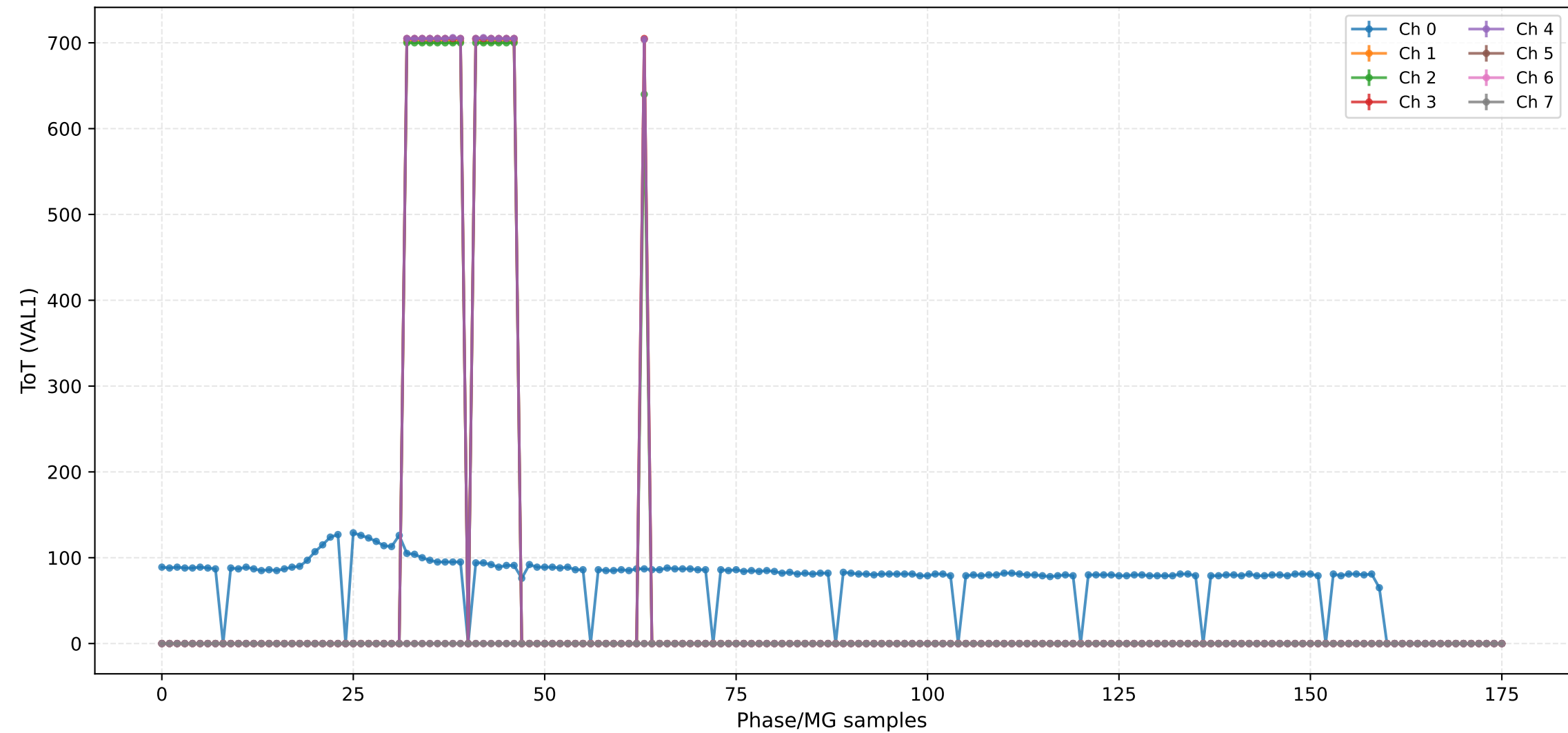
ADC (VAL0) - Channels 136 to 143



ADC (VAL0) - Channels 144 to 151



ToT (VAL1) - Channels 0 to 7



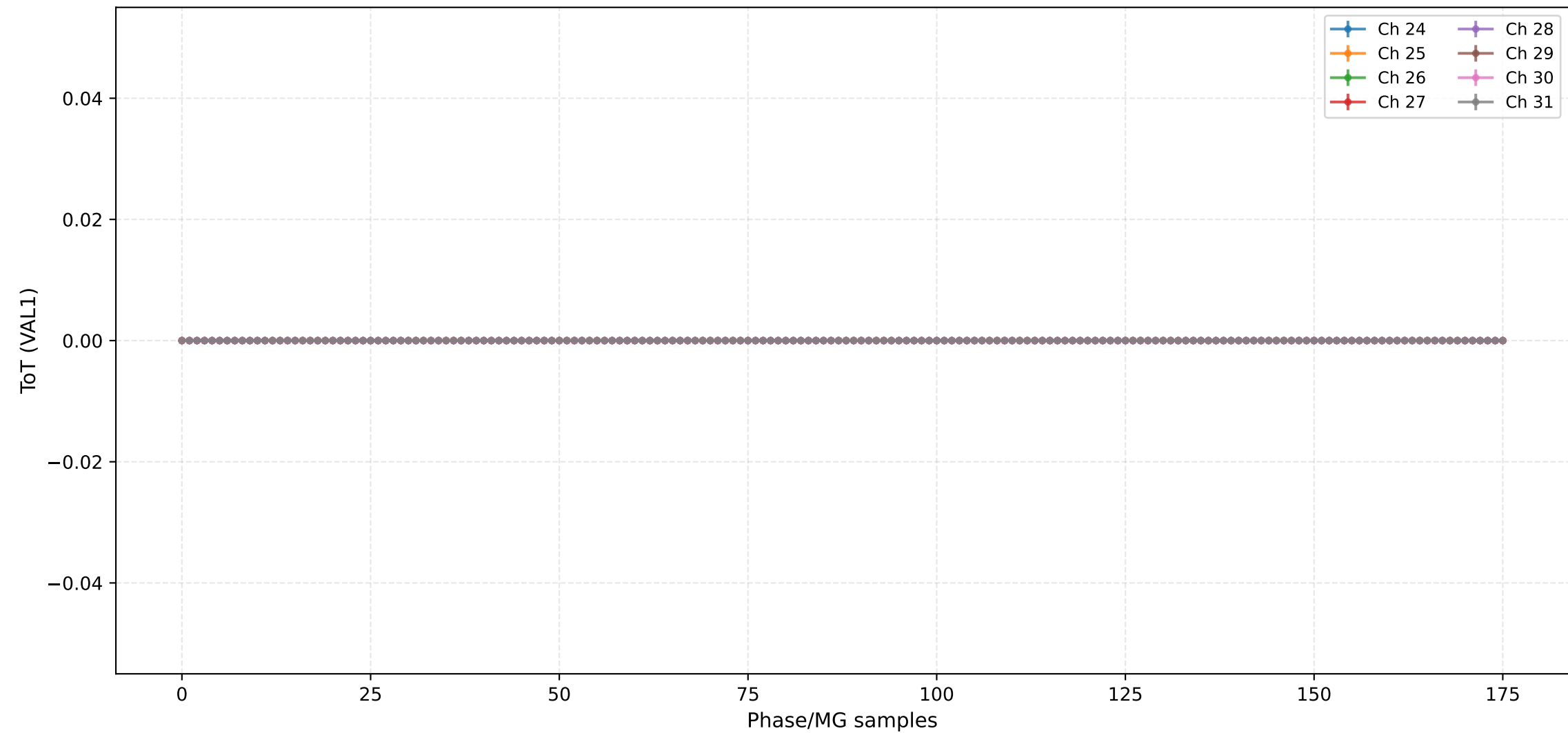
ToT (VAL1) - Channels 8 to 15



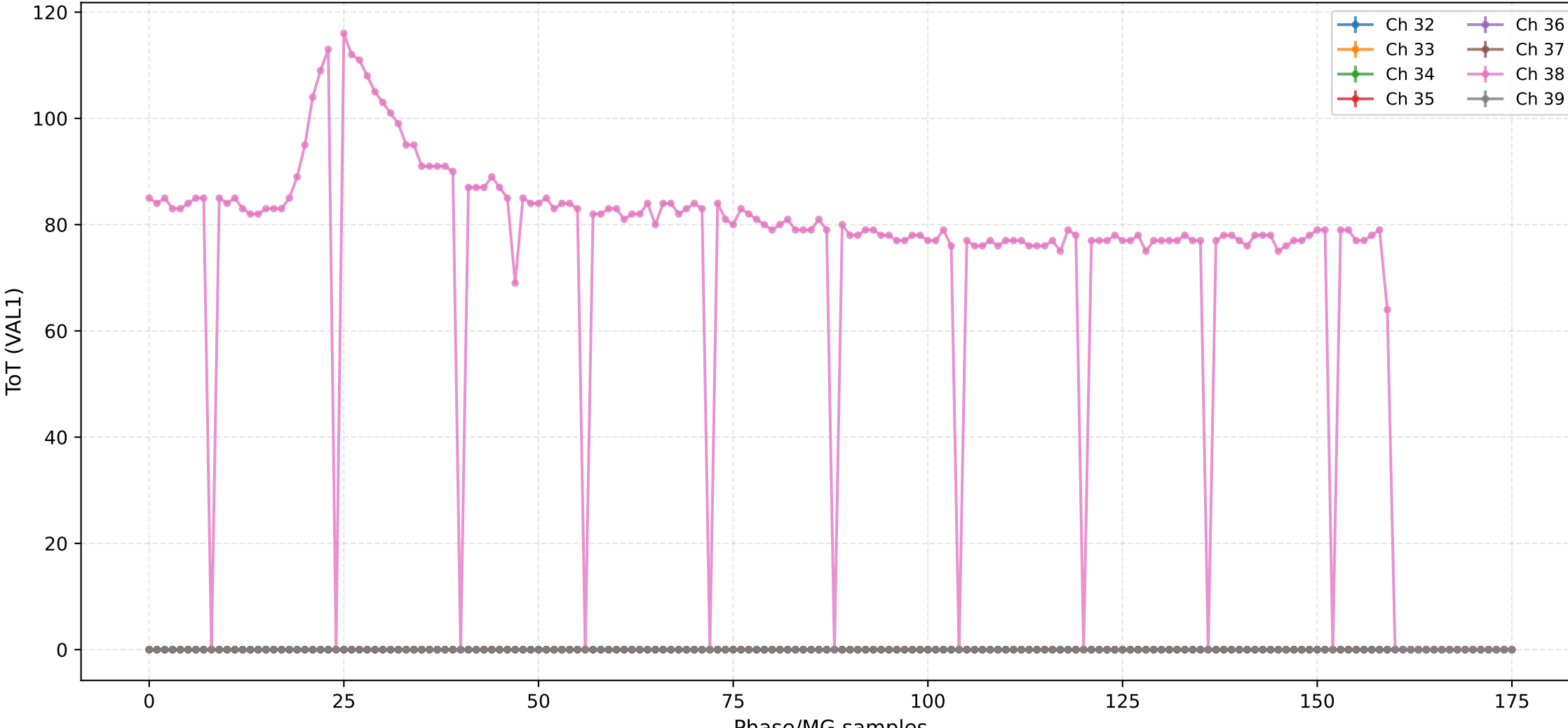
ToT (VAL1) - Channels 16 to 23



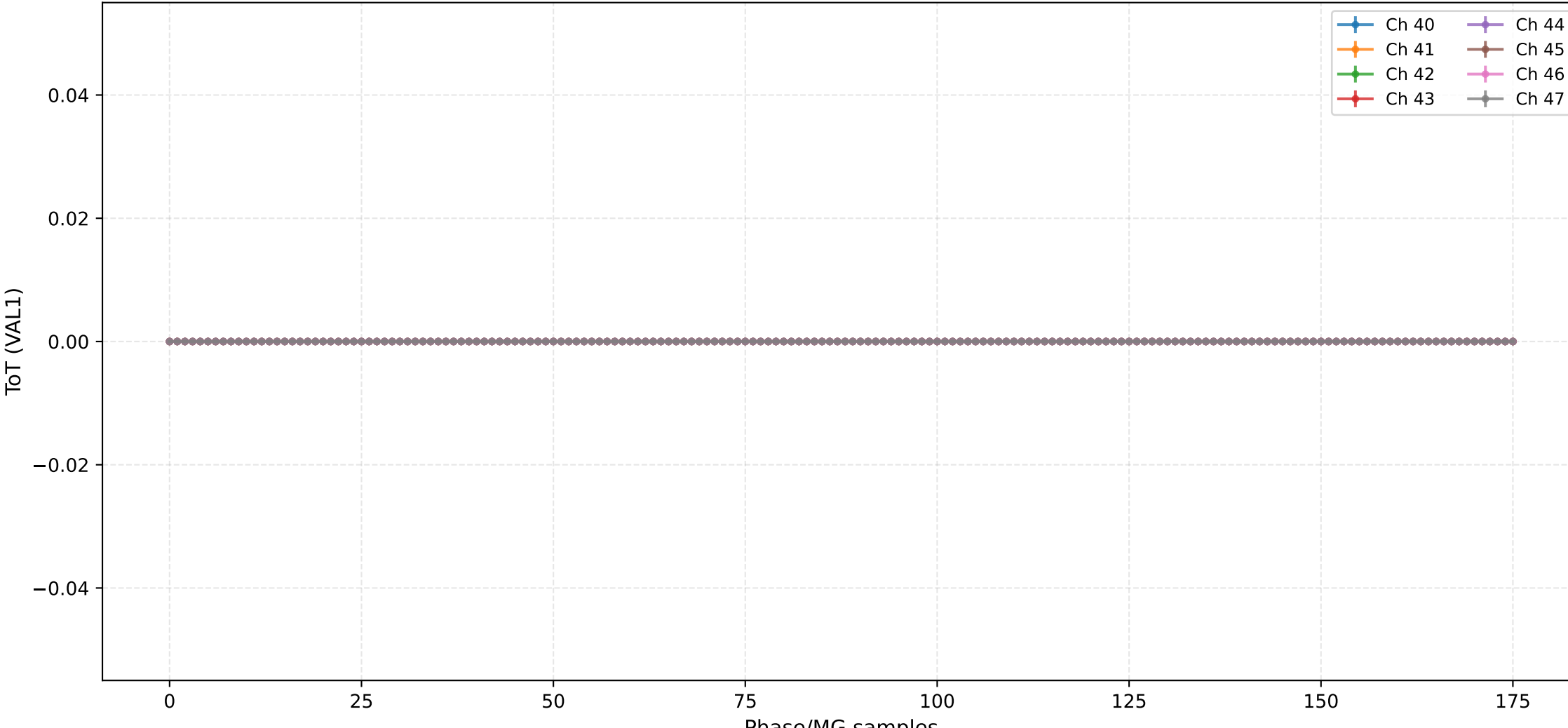
ToT (VAL1) - Channels 24 to 31



ToT (VAL1) - Channels 32 to 39



ToT (VAL1) - Channels 40 to 47



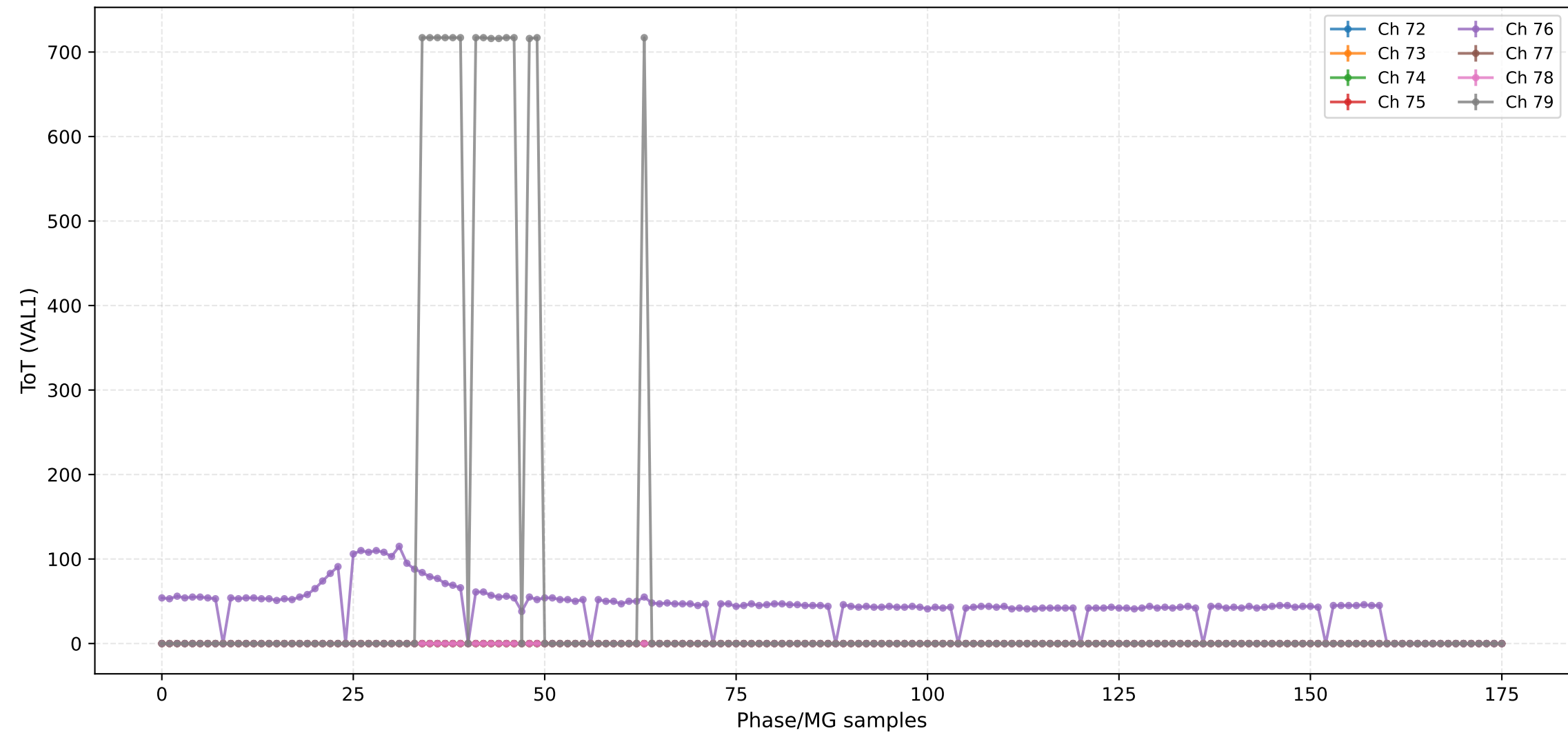
ToT (VAL1) - Channels 48 to 55



ToT (VAL1) - Channels 64 to 71



ToT (VAL1) - Channels 72 to 79



ToT (VAL1) - Channels 80 to 87



ToT (VAL1) - Channels 88 to 95



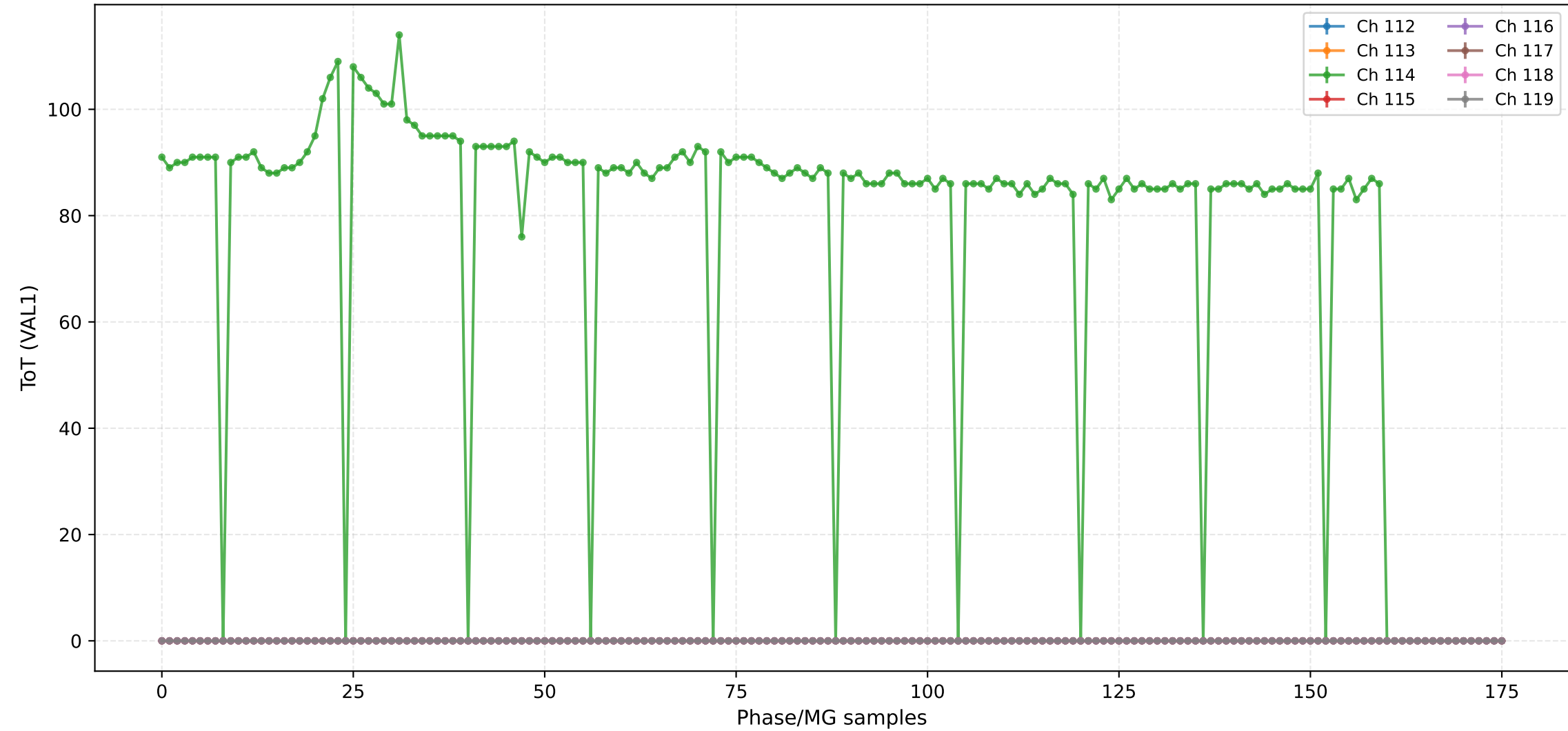
ToT (VAL1) - Channels 96 to 103



ToT (VAL1) - Channels 104 to 111



ToT (VAL1) - Channels 112 to 119



ToT (VAL1) - Channels 120 to 127



ToT (VAL1) - Channels 128 to 135



ToT (VAL1) - Channels 136 to 143



ToT (VAL1) - Channels 144 to 151



ToA (VAL2) - Channels 8 to 15



ToA (VAL2) - Channels 16 to 23



ToA (VAL2) - Channels 24 to 31



ToA (VAL2) - Channels 32 to 39



ToA (VAL2) - Channels 40 to 47



ToA (VAL2) - Channels 48 to 55



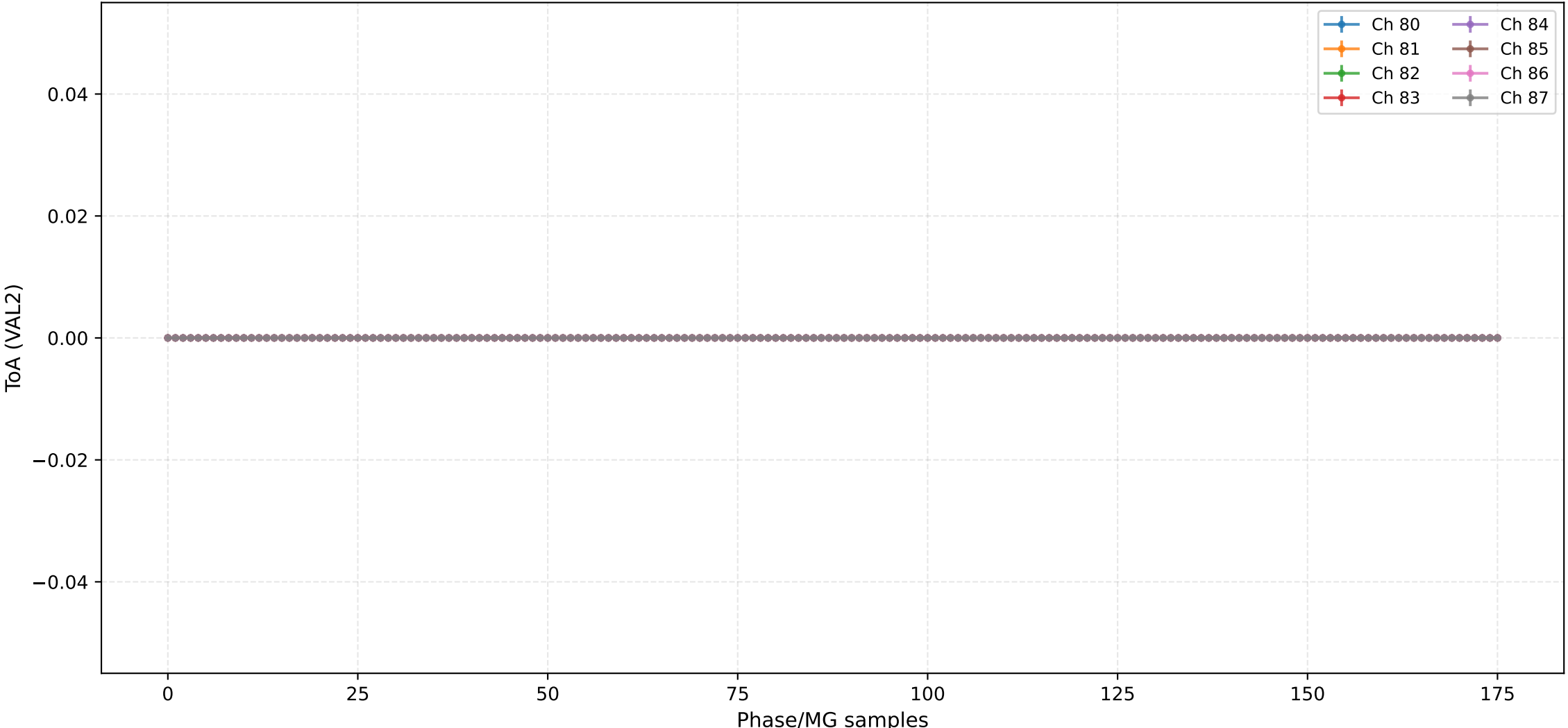
ToA (VAL2) - Channels 56 to 63



ToA (VAL2) - Channels 64 to 71



ToA (VAL2) - Channels 80 to 87



ToA (VAL2) - Channels 88 to 95



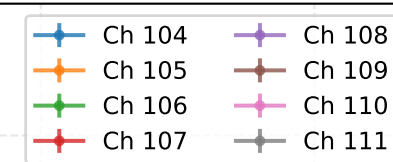
ToA (VAL2) - Channels 96 to 103



The figure displays the time evolution of the order parameter S for five different channels. The x-axis represents time t from 0 to 150, and the y-axis represents S from 0.0 to 1.0. A horizontal dashed line is drawn at $S = 0.5$. The legend indicates the following channels:

- Ch 104 (blue line with '+' markers)
- Ch 105 (orange line with '+' markers)
- Ch 106 (green line with '+' markers)
- Ch 107 (red line with '+' markers)
- Ch 108 (purple line with '+' markers)

All channels start at $S \approx 0.5$ at $t = 0$. Ch 104 and Ch 105 show a rapid increase to $S \approx 0.95$ by $t = 10$. Ch 106 and Ch 107 show a rapid increase to $S \approx 0.85$ by $t = 10$. Ch 108 remains at $S \approx 0.5$ throughout the time range.



ToA (VAL2) - Channels 112 to 119



ToA (VAL2) - Channels 120 to 127

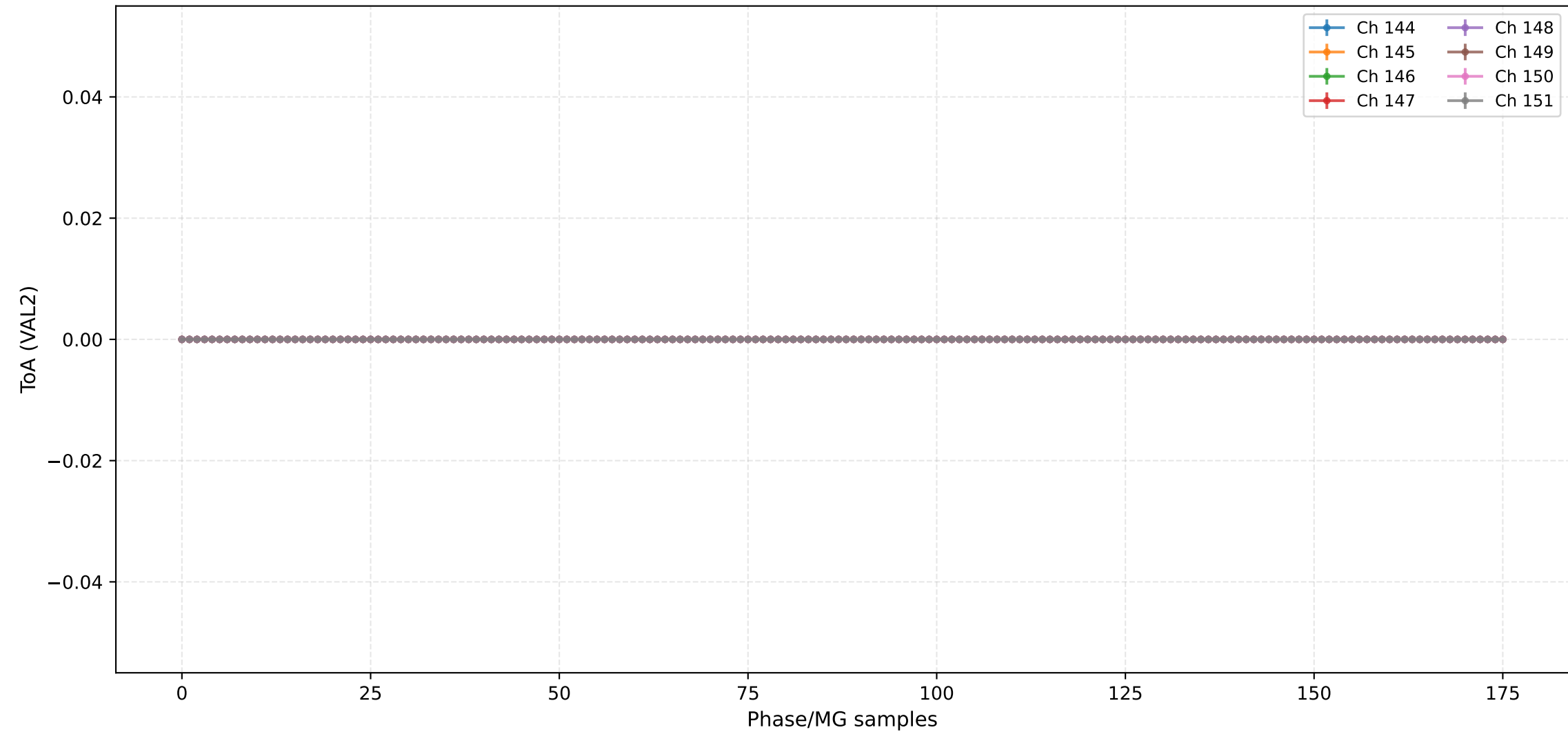


The figure displays a plot of the expectation value of the Pauli matrix σ_y over time for six channels. The x-axis is labeled 'Time' and ranges from 0 to 150. The y-axis is labeled ' σ_y ' and ranges from -1 to 1. A legend in the top right corner identifies the channels: Ch 128 (blue), Ch 129 (orange), Ch 130 (green), Ch 131 (red), Ch 128 (purple), and Ch 129 (brown). All six channels show a constant value of 0 for the entire duration of the simulation.





ToA (VAL2) - Channels 144 to 151



Injection Scan Results

Script: 205_Injection v1.0

Date: 2025-12-12 16:05:57

Configuration:

- Total ASICs: 2
- Injection DAC: 2700
- Machine Gun: 10
- Scan Pack: 2
- Scan Channels: 10
- 2.5V Injection: True
- High Range Injection: False

Analog Settings:

- RF: 0x-1
- CF: 0x-1
- CC: 0x-1
- CF Comp: 0x-1

Output Files:

- 205_Injection_asic2_injdac2700_mg10_pack2_chn10_val0.csv
- 205_Injection_asic2_injdac2700_mg10_pack2_chn10_val1.csv
- 205_Injection_asic2_injdac2700_mg10_pack2_chn10_val2.csv